

Policy & Procedure (P&P)

Policy Title :

Transport of Blood and Blood Components

Department	Index No.	Scope
Laboratory & Blood Bank	LAB-085	Blood Bank Staff
Issue Date	Revision NO	Effective Date
27/05/1432	3	1441/7/19
Review Due Date	Related Standard NO.	Page Number#
1443/7/19	CBAHI (LB . 62)	4

01. Policy:

Proper transport and shipping of blood and blood components is extremely important for the benefit of the patient.

02. Definition:

N/A

03. Purpose :

To establish the procedure for the transport of blood within hospital areas in coolers and packing for transport of blood between the outside hospitals.

04. Procedure :

04.1. Transport in coolers

Equipment:

- Cooler box
- Ice packs

Steps

- Remove two ice packs from -20-30 C freezer
- Place one frozen ice pack on either side of the plastic container inside the cooler. This maintain the fridge temperature for 6 hours.



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4-2. Package

Equipment:

- Cooler transport container
- Ice packs

Steps

- Inspect the container for any inner or outer breaks
- Insulated adhesive tape label written on it:
 - Blood component type
 - Temperature
 - Date and time
 - Name and signature of the person who performs the shipment
 - Identity of sending facility
- Enclosed list of blood unit numbers and statement that blood delivered is non reactive for transfusion transmitted diseases and approved by sending facility (stamp)
- Blood units placed on the bottom covered by cardboard then securely ice packs on the top and keep in upright position
- Temperature for PRBCs and Whole blood should be maintained between 1-10 C while transport
- Thermometers should be enclosed inside transport containers
- Transport of platelets should maintain temperature between 20-24 C without ice in transport containers
- Transport of FFP or cryoprecipitate should maintain the frozen state with a temperature below -18 C with dry ice.

Inspection on receiving

- Temperature , date and time of shipment and receiving.
- Variance over 10 C or pertinent temperature according to the type of the component
- Expiration date of the unit

Records should be maintained about:

- The mean of transport : transport container, cooler boxes
- Name of the sender and receiver facility



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- Name and title of the persons who issued the blood and who also receive it.
- Date and time and temperature on issue and on receive.
- Blood unit numbers

CONFIRMATION OF BLOOD GROUPS

For all units of PRBCs received from outside blood grouping confirmation from segments are performed and checked against the received units

For negative blood groups Du testing is also performed

Confirmation results are recorded in a special worksheet and attached to the batch of serology results received.

06. RESPONSIBILITY

06.1. All Laboratory & Blood Bank Staff of Al-Qunfudah General Hospital.

07. EQUIPMENT AND FORMS::

Transportation records for RBCs, Platelets, FFP and Cryoprecipitate.
Blood group confirmation for PRBCs

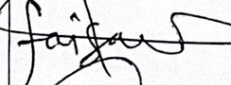
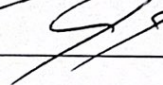
08. Attachment :

N/A

09. Reference

- 09.1. The Technical Manual of the American Association of Blood Banks, 2016
- 09.2. The unified Practical Procedure Manual for Blood Banks in The Arab Countries 2013

Preparation , Reviewing & Approval Box

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